PROFESSIONALS PREFER POWERWELD

QUALITY WELDING, SAFETY AND INDUSTRIAL SUPPLIES

PowerWeld®
QUALITY WELDING PRODUCTS

POWERWELD®

TABLE OF CONTENTS

DESCRIPTION	PAGE
GAS WELDING PRODUCTS	
Oxy-Acetylene Outfits	3-4
Torches & Cutting Tips	5
Pressure Gauges	6
Regulators, Balloon Fillers, Butane Torches	7
Twin and Single Hose	8
ARC WELDING PRODUCTS	
Electrode Holders	9
Ground Clamps	10-11
Cable Lugs, Chipping Hammers, Cable Connectors	12-13
Gouging Torches, Carbons, Welding Cable	14-15
WELDING MACHINES	
Mig Welders, Inverter Stick and Plasma Cutter	16-17
FILLER METAL PRODUCTS	
Tungsten Electrodes	18
ER70S6 Mild Steel Wire	19
Flux Cored Wire	20
Mild Steel & Low Hydrogen Electrodes	21
Stainless Steel, MIG / TIG Wire, Electrodes	22
SAFETY PRODUCTS	
Auto Helmets, Economy Helmets, Goggles	23-25
Filter & Cover Plates, Magnifiers, Auto Cartridges	26-27
Visors, Gold Filter Plates	28
Welding & Mechanics Gloves, Welding Blankets, Leather Clothing	29-31
CHEMICAL PRODUCTS	
Anti-Spatter, Tip Dip, Lube Pads, Coolant, NDT	32
MISCELLANEOUS	
Cylinder & MIG Carts, Fillet Gauges, C & F Clamps, Hose Reels, Thermometers	33-35
Weed Burner, Helmet Bag, Pincers, Soapstone, Hose Repair Kit, Welder's Kit	36
Cable Hitch, Nozzle Reamer, Battery Clamps, Circle Burner, Tungsten Holder, Cylinder Wrenches, MIG & TIG Torch Holders	37
Magnets, Extension Cords	38
Spool Adaptor, Pliers, Welding Table, TIG Feeder, Lug Crimper, Cable Splicer, TIG Cable Cover	39

METALMASTER™

PROFESSIONAL HEAVY DUTY WELDING AND CUTTING OUTFITS

TWO YEAR WARRANTY

MM-V & MM-H
VICTOR® STYLE
HARRIS® STYLE

Cuts up to 3/4" or 6" with optional cutting tips. Welds up to 1/2" - 3" with optional welding tips. Heavy duty combination torch, regulator set and accessories housed in a quality stainless steel and metal carrying case for convenient storage.

VICTOR® STYLE OUTFIT

Outfit Model	Torch Handle	Cutting Attach	Regulators Oxy	Regulators Acet	Cutting Tips	Welding Tips	Heating Tips	Welding Hose	Capacity Welding Up to	Capacity Cutting Up to
MM-V	R315	R1060	OR-VM	AR-VM	1-1-101	1-W	-	15 FT	1/2"	6"

HARRIS® STYLE OUTFITS

Outfit Model	Torch Handle	Cutting Attach	Regulators Oxy	Regulators Acet	Cutting Tips	Welding Tips	Heating Tips	Welding Hose	Capacity Welding Up to	Capacity Cutting Up to
MM-H	HC231	HC232	OR-VM	AR-VM	6290-1	23A90-1	-	15 FT	1/2"	5"

OXYGEN REGULATOR	
MODEL	STYLE
OR-VM	VICTOR®

ACETYLENE REGULATOR	
MODEL	STYLE
AR-VM	VICTOR®

CUTTING ATTACHMENT	
MODEL	STYLE
R1060	VICTOR®

WELDING TORCH	
MODEL	STYLE
R315	VICTOR®

CUTTING ATTACHMENT	
MODEL	STYLE
HC232	HARRIS®

WELDING TORCH	
MODEL	STYLE
HC231	HARRIS®

OXY-ACETYLENE OUTFITS

OXY-ACET KIT	
MODEL	STYLE
MM-VMTB	VICTOR®

CAPACITY

Cutting up to 6” (150mm)
Welding up to 3/8” (9mm) steel

FEATURES

Brass & stainless steel construction torch handle with two stainless steel needle valves for fast accurate flame adjustment.
O-ring seals.
Forged and extruded brass for durability.
External torch mounted reverse flow check valves.
Complete accessory package, hose, lighter, goggles & tip cleaner.

APPLICATIONS

Precise welding, brazing, soldering, hard facing, heat/treating and priming, straightening, deseaming and scarfing, gouging, flame cleaning, rivet washing and cutting.

CONSISTS OF

- OR-VM Oxygen Regulator
- AR-VM Acetylene Regulator
- R100 Welding Torch
- R1350 Cutting Attachment
- 3-101 Cutting Tip Size #0
- W-1 Welding Tip Size #0
- 88-3FG Check Valve Set
- Twin Welding Hose
- Welding Goggles
- Flint Lighter
- Tip Cleaner
- Instruction Manual
- Tool Box

TOTE-A-TORCH KIT

Contains all the equipment you need for cutting, welding and brazing anywhere in a rugged plastic carrying case.

Cuts up to 6” (150mm) and welds up to 3/8” (9mm)

9/16”-18 “B” Connections

Underwriters Laboratories Inc.®

TOTE-A-TORCH KIT	
MODEL	STYLE
PTK	W/O CYLINDERS

TOTE-A-TORCH KIT	
MODEL	STYLE
PTK-C	OX-20 OXY CYL / AC-10 ACET CYL

TORCH HANDLE	CUTTING ATTACHMENT	CUTTING TIP	WELDING TIP	SINGLE STAGE OXYGEN REGULATOR	SINGLE STAGE ACETYLENE REGULATOR	CHECK VALVE	ACCESSORIES
R100 UL LISTED	R1350 UL LISTED	0-3-101	0-W-1	313OX UL LISTED	313AC UL LISTED	CV20R CV21L	GOGGLES, STRIKER, 12.5’ TWIN HOSE, & CARRYING CASE

COMBINATION TORCHES

MODEL	STYLE	DESCRIPTION
R100	Victor® 100	Medium Duty Welding Torch
R1350	Victor® 1350	Medium Duty Cutting Attachment
R315	Victor® 315	Heavy Duty Welding Torch
R1060	Victor® 1060	Heavy Duty Cutting Attachment
HC231	Harris® 63-2	Heavy Duty Welding Torch
HC232	Harris® 73-2	Heavy Duty Cutting Attachment

CUTTING TORCHES

MODEL	STYLE	DESCRIPTION
R1600	Victor®	21" 90° Heavy Duty, Acetylene
R1600-36	Victor®	36" 90° Heavy Duty, Acetylene
R1600-48	Victor®	48" 90° Heavy Duty, Acetylene
R419	Airco®	19" 90° Heavy Duty, Acetylene
62-3E	Harris®	18" 90° Heavy Duty, Acetylene
62-3F	Harris®	18" 90° Heavy Duty, Propane
62-3F/70	Harris®	18" 70° Heavy Duty, Propane
62-3E36	Harris®	36" 90° Heavy Duty, Acetylene
62-3F36	Harris®	36" 90° Heavy Duty, Propane
62-3F36/70	Harris®	36" 70° Heavy Duty, Propane
62-3F36/180	Harris®	36" 180° Heavy Duty, Propane

CUTTING TIPS

VICTOR® STYLE		
MODEL	SIZES	FUEL GAS
1-101	000 - 8	Acetylene
3-101	000 - 8	Acetylene
GPN	000 - 8	Propane/Nat Gas
3GPN	000 - 6	Propane/Nat Gas
GPM	000 - 6	Mapp Gas

HARRIS® STYLE		
MODEL	SIZES	FUEL GAS
6290	000 - 6	Acetylene
629VVC	000 - 6	Propane/Nat Gas
6290NX	5/0 - 6	Propane/Nat Gas
6290NFF	000 - 6	Propane/Nat Gas

AIRCO® / LIQUID AIR® STYLE		
MODEL	SIZES	FUEL GAS
144 / 802	00 - 8	Acetylene
164 / 803	00 - 8	Acetylene
261	00-6	Propane/Nat Gas
AFS	72-38	Mapp Gas

PowerWeld tips are precision machined from high quality copper alloys for durability. The gas passages for single piece acetylene tips are accurately swage-forged and shaped on polished mandrels for smooth, efficient gas flow. Two piece tips for alternate fuel gases feature an internal spline configuration that is of the latest design, offering the optimum in cutting performance. All tips are 100% flame tested.

PUROX® STYLE		
MODEL	SIZES	FUEL GAS
4202	2-13	Acetylene
4213L	3-10	Propane

SMITH® STYLE		
MODEL	SIZES	FUEL GAS
MC-12	00 - 5	Acetylene
SC-12	00 - 6	Acetylene
SC-50	00 - 6	Propane/Nat Gas

- Premium quality replacement gauges are the industry standard.
- Polished drawn brass with one-piece impact resistant polycarbonate posilock lens.
- For use with compressed gas regulators, these gauges are an excellent choice for original equipment and replacement applications.
- Gauges are UL listed.

Underwriters Laboratories Inc.

DESCRIPTION			
SIZE	PSI	PART # 1/4" NPT	PART # 1/8" NPT
2 1/2"	30	A30	-
	60	A60	-
	100	A100	-
	200	A200	-
	400	A400	-
	4000	A4000	-
2"	30	B30	B30-8
	60	B60	B60-8
	100	B100	B100-8
	200	B200	B200-8
	400	B400	B400-8
	600	B600	B600-8
	4000	B4000	B4000-8
	30 CFH	-	R-CFH
1 1/2"	30	-	C30
	CONTENTS	-	CCG
	60	-	C60
	100	-	C100
	200	-	C200
	400	-	C400
	4000	-	C4000
1 1/2" 2" 2 1/2"	COVER	LEX15	Lexan Gauge Cover
	COVER	LEX2	Lexan Gauge Cover
	COVER	LEX25	Lexan Gauge Cover

PACKAGING: 10 per carton

REGULATORS

ARGON FLOWMETER	
MODEL	DESCRIPTION
314RH	C/W 10' HOSE

Single stage light duty argon flowmeter regulator. Designed for accurate control of gas flow for MIG and TIG applications. c/w 10' argon hose and fittings.

ARGON FLOWMETER	
MODEL	DESCRIPTION
100FL-AR60H	C/W 10' HOSE

ARGON FLOWMETER	
MODEL	DESCRIPTION
PW195FM	FLOWMETER

Single stage piston design professional argon flowmeter regulator. Preset pressure at 50 PSI. Designed for accurate control of gas flow for MIG and TIG applications. c/w 10' argon hose and fittings.

BALLOON FILLERS

BALLOON INFLATOR	
MODEL	STYLE
GD92	DELUXE

Deluxe Balloon Inflator GD92

Rugged all brass body, "Piston Type" mechanism, drilled and tapped for tie hook and string cutter. Body contains an additional 1/4" NPT port to accommodate a second filler valve if desired.
Plastic hand tight CGA 580 inlet connection with sintered bronze inlet filter.
1-1/2" rear entry cylinder contents gauge.
Rubber tilt valve.

Balloon Inflator Economy GD93

BALLOON INFLATOR	
MODEL	STYLE
GD93	ECONOMY

Features straight through construction, rugged brass body, "Piston Type" mechanism.
Hand tight CGA 580 inlet connection with sintered bronze inlet filter.
Rubber tilt valve.

Balloon Inflator Mylar GD95

GD95 is suitable for filling standard latex and auto-fill mylar balloons.
Rugged all brass body and "Piston-Type" mechanism. Drilled and tapped for a tie hook and a ribbon cutter. Automatic shut-off mylar filler to prevent over filling and bursting of expensive mylar balloon. Large plastic hand tight CGA 580 inlet connection with sintered bronze inlet filter. 1-1/2" rear entry color-coded cylinder contents gauge.

BALLOON INFLATOR	
MODEL	STYLE
GD95	MYLAR

BUTANE TORCH

BUTANE TORCH	
MODEL	STYLE
PW2020	BUTANE GAS

PowerWeld Butane Gas Micro Torch PW2020
Electronic instant ignition system
Adjustable flame
Refillable butane fuel
Max attainable temperature 2370ºF
Safety ignition lock

SOLDERING HEAD	
MODEL	STYLE
SH11	BUTANE GAS

HOT REFLECTOR	
MODEL	STYLE
SA51	BUTANE GAS

HOT BLOWER HEAD	
MODEL	STYLE
SH51	BUTANE GAS

TWIN WELDING HOSE GRADES R & T

SIZE ID	LENGTH	DESCRIPTION	GRADE R ITEM #	GRADE T ITEM #
3/16"	600' Reel	Twin Oxygen/Fuel Hose (Reels)	**316TR**	**316TT**
1/4"	600' Reel	Twin Oxygen/Fuel Hose (Reels)	**14TR**	**14TT**
5/16"	600' Reel	Twin Oxygen/Fuel Hose (Reels)	**516TR**	**516TT**
3/8"	600' Reel	Twin Oxygen/Fuel Hose (Reels)		**38TT**

Green hose for Oxygen
Red hose for Acetylene
Heat resistant EPDM tube and cover. 2 spiral polyester yarn reinforcement, more flexible than braid reinforced hose, easier to coil and handle. Conforms to RMA/CGA specifications. Working pressure 200 PSI, 1.38 Mpa

TWIN WELDING HOSE GRADES R & T

DESCRIPTION		LENGTH	GRADE R ITEM #	GRADE T ITEM #
3/16"	Twin Welding Hose Assemblies	12.5'	**PW316-12**	
3/16"	Twin Welding Hose Assemblies	25'	**PW316-25**	
3/16"	Twin Welding Hose Assemblies	50'	**PW316-50**	
3/16"	Twin Welding Hose Assemblies	100'	**PW316-100**	
1/4"	Twin Welding Hose Assemblies	12.5'	**PW14-12**	
1/4"	Twin Welding Hose Assemblies	25'	**PW14-25**	**PW14-25T**
1/4"	Twin Welding Hose Assemblies	50'	**PW14-50**	**PW14-50T**
1/4"	Twin Welding Hose Assemblies	100'	**PW14-100**	**PW14-100T**
5/16"	Twin Welding Hose Assemblies	25'	**PW516-25**	**PW516-25T**
5/16"	Twin Welding Hose Assemblies	50'	**PW516-50**	**PW516-50T**
5/16"	Twin Welding Hose Assemblies	100'	**PW516-100**	**PW516-100T**
3/8"	Twin Welding Hose Assemblies	25'		**PW38-25T**
3/8"	Twin Welding Hose Assemblies	50'		**PW38-50T**
3/8"	Twin Welding Hose Assemblies	100'		**PW38-100T**

SINGLE ACETYLENE HOSE ASSEMBLY

ITEM #	DESCRIPTION
AH12A	3/16"X12' A-A
AH12B	3/16"X12' B-B
AH25A	3/16"X25' A-A

SINGLE HOSE GRADE R

SIZE ID	LENGTH	DESCRIPTION	ITEM # OXYGEN	ITEM # ACETYLENE
3/16	800' Reel	Single line hose	**316OX**	**316AC**
1/4"	600' Reel	Single line hose	**14OX**	**14AC**
5/16"	600' Reel	Single line hose	**516OX**	**516AC**
3/8"	600' Reel	Single line hose	**38OX**	**38AC**

GREEN GP/OXYGEN HOSE

SIZE ID	LENGTH	O.D. (in.)	WORKING PRESSURE	ITEM #
1/2"	500' Reel	15/16	300	**12OX**
3/4"	500' Reel	1-3/16	300	**34OX**

SINGLE ARGON HOSE

ITEM #	DESCRIPTION
PW-AH6	1/4" x 6' black inert hose assembly
PW-AH10	1/4" x 10' black inert hose assembly
PW-AH25	1/4" x 25' black inert hose assembly
PW-AH50	1/4" x 50' black inert hose assembly
PW-AH100	1/4" x 100' black inert hose assembly

Pre-assembled 1/4" I.D. inert arc hose assemblies for MIG and TIG applications. 5/8"-18 RH male connections at each end. Maximum working pressure - 200 PSI. Available from stock in five popular lengths.

SHORTSTUB TYPE

- Lightweight - easy to use
- Better maneuverability - great for tight places
- Excellent for vertical welding
- Grips the electrode nearer to the end
- Allows use of 20% more of the electrode

BERNARD® STYLE

MODEL	AMPS
4B	400
6B	600

REPLACEMENT HEADS

MODEL	AMPS
RK-4	400
RK-6	600

JAW TYPE

- Made from a high copper alloy for maximum conductivity and strength
- Long top and bottom tip insulators are fibreglass to withstand intense heat and impact
- Suitable for heavy duty applications
- Oval-point screw cable connections on all models

LENCO® STYLE

MODEL	AMPS
RAF-200	200
RAF-250	250
RAF-300	300
RAF-350	350
RAF-500	500

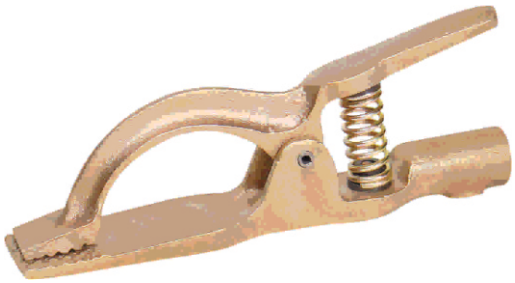
TWECO® STYLE

MODEL	AMPS
A532	200
A316	250
A732	300

GROUND CLAMPS

TWECO® STYLE	
MODEL	AMPS
EL-200	200
EL-300	300
EL-500	500

- Manufactured from hot dip galvanized steel with forged brass conductors
- Heavy-duty springs provide positive strength at jaws

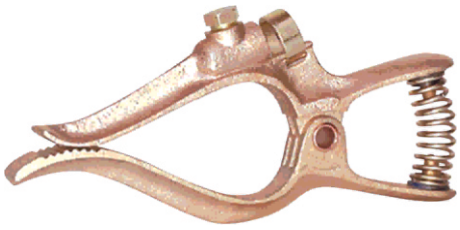


- Manufactured from heavy duty nickel-plated steel with forged brass conductors and braided copper strap
- Heavy-duty spring provide positive strength at jaws
- Cable is easy to install with built-in cable connector and oval point screw

ALERCO® STYLE	
MODEL	AMPS
AGC-200	200
AGC-300	300
AGC-500	500

LENCO® STYLE	
MODEL	AMPS
GR-200	200AMP
GR-300	300 AMP
GR-500	500 AMP

- Manufactured from high copper alloy assures excellent current carrying ability
- Large contact area
- Serrated upper and lower jaws
- Mechanical oval-point screw cable connection



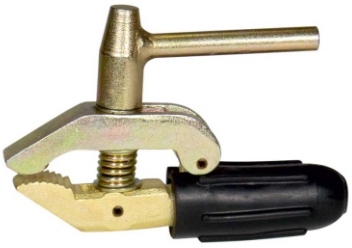
- Double lock clamps have forged copper alloy conductors
- High clamping pressure and long finger-grip levered handles for easy jaw opening

JACKSON® STYLE	
MODEL	AMPS
GC-2	200
GC-3	300
GC-5	500

TWECO® STYLE	
MODEL	AMPS
GCT200	200
GCT300	300
GCT500	500

- Manufactured from 98% copper alloy with forged brass conductors
- Heavy-duty fully insulated springs provide positive strength at jaws

GROUND CLAMPS



- Heavy duty screw type ground clamp
- Jaws are adjusted by screw lever
- Rubber insulated cable connector

SCREW TYPE	
MODEL	AMPS
GCC-600	600

- Design for MIG welding process
- Powerful bite and swivel pad
- Full 2" opening with a copper coated steel pressure screw
- Cable attaches with two oval-point screws and comes with connector insulator

"C" CLAMP TYPE	
MODEL	AMPS
ECWG60C	600

- Manufactured from nickel-plated steel with forged brass conductors
- Large contact area with strong gripping power
- Insulated to prevent annealing
- Easy installation or removal

ROTARY MAGNETIC	
MODEL	AMPS
ECM50R	500

- Manufactured from nickel-plated steel with forged brass conductors
- Large contact area with strong gripping power
- Insulated to prevent annealing
- Easy installation or removal
- Swivel connector for welding cable

ROTARY MAGNETIC	
MODEL	AMPS
ECM60R	600

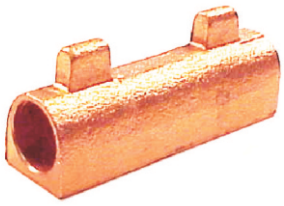
ECR1000-2

ECR800-2

- Heavy duty forged brass construction
- Two cable connectivity for efficient grounding connection
- Outer face revolves with full swivel action
- Strong tension spring to ensure maximum connection
- Easy installation or removal

ROTARY "C" CLAMP	
MODEL	AMPS
ECR800-2	800
ECR1000-2	1000

CABLE LUGS & SPLICERS



HAMMER ON LUG	
PART #	CABLE SIZE
RL11	SIZE 3/0 TO 4/0
RL22	SIZE 1/0 TO 2/0
RL33	SIZE 4 TO 1

HAMMER SPLICER	
PART #	CABLE SIZE
RS11	SIZE 3/0 TO 4/0
RS22	SIZE 1/0 TO 2/0
RS33	SIZE 4 TO 1

- Manufactured from heavy wall cast copper alloy, annealed for maximum conductivity
- Fast, easy installation - just slide in cable and strike it with hammer for durable connection

- Manufactured from heavy wall cast copper alloy, annealed for maximum conductivity
- Long length and flared ends make installation fast and easy

SOLDER LUG	
PART #	CABLE SIZE
RL3040	SIZE 3/0 TO 4/0
RL1020	SIZE 1/0 TO 2/0
RL12	SIZE 4 TO 1

SOLDER SPLICER	
PART #	CABLE SIZE
RS3040	SIZE 3/0 TO 4/0
RS1020	SIZE 1/0 TO 2/0
RS12	SIZE 4 TO 1

CHIPPING HAMMERS

SPRING HANDLE STEEL SHAFT

- Similar to Lenco® LHC-1
- Similar to Atlas HCP
- Wire spring handle
- Drop forged heat treated head
- Welded-on head - Cannot come loose

CHIPPING HAMMER	
MODEL	STYLE
RLHC-1	POINT/CROSS CHISEL

SPRING HANDLE STEEL SHAFT

- Most popular model
- Similar to Lenco® LH-1
- Similar to Atlas H
- Wire spring handle
- Drop forged heat treated head
- Welded-on head - Cannot come loose

CHIPPING HAMMER	
MODEL	STYLE
RLH-1	POINT/CHISEL

WOOD HANDLE

- Similar to Lenco® LWHH
- Similar to Atlas WH-20
- Similar to Atlas WH-30
- Drop forged heat treated heads attached to handle with steel and wood wedges

CHIPPING HAMMER	
MODEL	STYLE
RLHWH	POINT/CHISEL
RLHWH-30	POINT/CROSS CHISEL

WOOD HANDLE STEEL SHAFT

- Similar to Lenco® LHW-1
- Similar to Atlas J
- This model has the wood handle preferred by many welders
- Drop forged heat treated head
- Welded-on head - Cannot come loose

CHIPPING HAMMER	
MODEL	STYLE
RLHW-1	POINT/CHISEL

CABLE CONNECTORS

Designed to efficiently conduct the current through a detachable type connector. Brass bodies are precision machined. Cam action design allows lock in with a twist and pulls the two halves together tightly. Connector covers are resistant to heat, cold, abrasion, ozone, oils & solvents. Tapered ends lock out moisture, oil and dirt. Connector covers are specially compounded to be flame retardant.

LENCO® STYLE

PART #	DESCRIPTION	SUITABLE FOR CABLE SIZES	PKG
LC40	Complete Connector	#1 - 4/0	50 / CS
LC40M	Male Half	#1 - 4/0	100 / CS
LC40F	Female Half	#1 - 4/0	100 / CS
LC40HD	Heavy Duty Connector	#1/0 - 4/0	50 / CS
LC10	Complete Connector	#4 - #1	50 / CS
LC10M	Male Half	#4 - #1	100 / CS
LC10F	Female Half	#4 - #1	100 / CS
LS40	Black Sleeve only	N/A	50 / CS
LS40B	Blue Sleeve only	N/A	50 / CS
LS40R	Red Sleeve only	N/A	50 / CS
LS40Y	Yellow Sleeve only	N/A	50 / CS
LC1040M	Whip Connector	#4 - #1	100 / CS

- Positive lock-tight action
- Brass bodies are precision machined from heavy specially shaped brass extrusion
- Cam action design of male half connector pulls the two halves tightly together
- Compatible with Lenco® and other popular style connectors

DINSE® STYLE

PART #	DESCRIPTION	SUITABLE FOR CABLE SIZES	PKG
CCD1025	Complete Connector	#4 - #2	50 / CS
CCD1025-M	Male Half	#4 - #2	100 / CS
CCD1025-F	Female Half	#4 - #2	100 / CS
CCD3550	Complete Connector	#2 - 1/0	50 / CS
CCD3550-M	Male Half	#2 - 1/0	100 / CS
CCD3550-F	Female Half	#2 - 1/0	100 / CS
CCD5070	Complete Connector	2/0 - 4/0	50 / CS
CCD5070-M	Male Half	2/0 - 4/0	100 / CS
CCD5070-F	Female Half	2/0 - 4/0	100 / CS

- Popular Dinse® Style connector
- Positive lock-tight action
- Brass parts are precision machined from heavy specially shaped brass extrusion
- Cam action design of male half connector pulls the two halves tightly together

TWECO® STYLE

PART #	DESCRIPTION	SUITABLE FOR CABLE SIZES	PKG
1MBP	Complete Connector	#4 - #1	50 / CS
2MBP	Complete Connector	1/0 - 2/0	50 / CS
2MBP-M	Male Half	1/0 - 2/0	100 / CS
2MBP-F	Female Half	1/0 - 2/0	100 / CS
4MBP	Complete Connector	3/0 - 4/0	50 / CS

- Positive lock-tight action
- Brass parts are precision machined from heavy specially shaped brass extrusion
- Cam action design of male half connector pulls the two halves tightly together
- Compatible with Tweco® and other popular style connectors

TERMINAL CONNECTIONS

PART #	DESCRIPTION	SUITABLE FOR CONNECTOR	PKG
TE-1AF	45º Terminal	LC10	50 / CS
TE-2AF	45º Terminal	LC40	50 / CS
TE-20F	180º Terminal	LC40	50 / CS
TE-A-3595	45º Dinse	CCD3550	50 / CS
DA-5095	Adaptor - Dinse Male, LC40F		

- Positive lock-tight action
- Brass parts are precision machined from heavy specially shaped brass extrusion
- Terminal connectors replace cable lugs for fixture to machines allowing for quick disconnect of cables

GOUGING TORCH

For gouging, cutting, beveling, piercing and flushing metal. The Gouging Torch is designed to remove any kind of metal by the “Air Carbon-Arc” process which is more economical than older methods such as burning, chipping and grinding.

RK4000 GOUGING TORCH		
MODEL	AMPERAGE	CABLE ASS'Y
RK4000	1000 AMPS	7’ SWIVEL CABLE

POINTED GOUGING CARBONS

Used for gouging out defective welds and cutting non-ferrous metals. Consistent copper coating insulates against side burn through, offers improved conductivity. Electrodes are 12” in length.

COPPER COATED DC POINTED GOUGING CARBONS			
Item #	Packaging	Size (Inches)	Size (MM)
DC18	100 per box	1/8” X 12”	3.25mm X 305mm
DC532	50 per box	5/32” X 12”	4.0mm X 305mm
DC316	50 per box	3/16” X 12”	4.8mm X 305mm
DC14	50 per box	1/4” X 12”	6.4mm X 305mm
DC516	50 per box	5/16” X 12”	7.9mm X 305mm
DC38	50 per box	3/8” X 12”	9.5mm X 305mm
DC12	50 per box	1/2” X 12”	12.7mm X 305mm
Carton Packaging:	1/8” Diameter - 500 per Carton - All other sizes - 250 per Carton		

JOINTED GOUGING CARBONS

- Eliminates stub loss and provides continuous electrode feed especially for semi-automatic torches
- Machined at each end to provide male and female fit up
- Used for gouging out defective welds and cutting non-ferrous metals
- Consistent copper coating insulates against side burn through, offers improved conductivity
- Electrodes are 17” in length

COPPER COATED DC JOINTED GOUGING CARBONS			
Item #	Packaging	Size (Inches)	Size (MM)
DCJ-38	25 per box	3/8” X 17”	9.5mm X 440mm
DCJ-12	25 per box	1/2” X 17”	12.7mm X 440mm
DCJ-58	25 per box	5/8” X 17”	15.9mm X 440mm
DCJ-34	25 per box	3/4” X 17”	19.1mm X 440mm
Carton Packaging: All Diameters - 25 per Box - 100 per Carton - 400 per Master Carton			

WELDING CABLE

Convenient Cut Length Cable in Boxes

PowerWeld carries inventory of the most popular welding and primary cable sizes in convenient pre-cut lengths of 50' and 100'. These lengths are attractively boxed and ready to go right off the shelf for clean and trouble free cable sales.

Flex-a-prene 600 volt all-weather grade welding cable is rated at -50ºC to +105ºC giving it outstanding cold weather flexibility. Made with a special jacketing compound, this standard stock welding cable gives you high flexibility without sacrificing weather resistance. A combination that means better performance at any location. And when you add enhanced dielectric strength to its list of properties, it's no wonder we invite you to compare Flex-a-prene 30 AWG 600 volt welding cable to any other.
Meets or exceeds ASTMB-172

Part #	Size	Descripton
4-50	50 ft #4	Welding Cable
4-100	100 ft #4	Welding Cable
2-50	50 ft #2	Welding Cable
2-100	100 ft #2	Welding Cable
1-50	50 ft #1	Welding Cable
1-100	100 ft #1	Welding Cable
1/0-50	50 ft #1/0	Welding Cable
1/0-100	100 ft #1/0	Welding Cable
2/0-50	50 ft #2/0	Welding Cable
2/0-100	100 ft #2/0	Welding Cable
3/0-50	50 ft #3/0	Welding Cable
3/0-100	100 ft #3/0	Welding Cable
4/0-50	50 ft #4/0	Welding Cable
4/0-100	100 ft #4/0	Welding Cable
10/3-100	100 ft #10/3	Power Cable
10/4-100	100 ft #10/4	Power Cable

Specification Data

AWG SIZE	STRANDING	NOM. INSULATION THICKNESS (INCHES)	NOM. O.D. INCHES	APPROX. POUNDS PER 1000 FEET
6	259 X 30	.060	.320	128
4	364 X 30	.060	.348	162
2	624 X 30	.060	.420	260
1	780 X 30	.080	.503	328
1/0	988 X 30	.080	.533	400
2/0	1235 X 30	.080	.586	490
3/0	1539 X 30	.080	.625	596
4/0	2014 X 30	.080	.720	800

WHIP CABLE ASSEMBLIES

Whip cable is highly flexible with annealed 36 (.005) gauge bare copper conductor, insulated with an orange EPDM jacket and paper separator. Operating temperatures range from -50°C to +105°C (-58°F to +221°F). Rated to 600 volts. Meets or exceeds ASTMB-172.

10 feet #2 cable with 4B holder and male connector

WHIP CABLE ASS'Y	
MODEL	STYLE
2-WA	10 FEET #2

10 feet #1 cable with 4B holder and male connector

WHIP CABLE ASS'Y	
MODEL	STYLE
1-WA	10 FEET #1

GAS / NO GAS

Welder Specifications	
Primary (input) Volts:	120 Vac
Primary (input) Amps:	20
Phase:	Single
Frequency:	60HZ
Secondary (output) Volts:	17.5
Secondary (CSA output) Amps:	65
Open Circuit Voltage (Max):	34 Vdc
Duty Cycle Rating:	20%

COMES COMPLETE WITH:
Gun and cable assembly
6 ft (1.8 m) work cable with clamp
Argon Flowmeter with hose
Sample spool of .030 in (0.8 mm) self
shielding flux cored wire.
Spare contact tips
6 ft (1.8 m) Power cord with plug.
Instruction Manual

Dimensions: 18"(470mm) x 9.4"(240mm) x 12.0"(305mm)
Net Weight: 47 lb (21.5 kg)
Warranty: Two Years

115V/25-130 Amps
Welds up to 4.0 mm

MIG WELDER	
MODEL	STYLE
MM-130E	115V

Description: MM-130E wire feed welder is designed for maintenance and sheet metal fabrication. The welder consists of a single-phase power transformer, stabilizer, rectifier, and a unique built-in control/feeder. You can weld sheet metal from 24 gauge up to 3/16" thick with a single pass. You can weld thicker steel with bevelling and multiple pass techniques. Tweco® style nozzles and contact tips.

GAS / NO GAS

Welder Specifications	
Primary (input) Volts:	230 Vac
Primary (input) Amps:	25
Phase:	Single
Frequency:	60HZ
Secondary (output) Volts:	21.3
Secondary (CSA output) Amps:	145
Open Circuit Voltage (Max):	35 Vdc
Duty Cycle Rating:	15%

COMES COMPLETE WITH:
Gun and cable assembly
6 ft (1.8 m) work cable with clamp
Argon Flowmeter with hose
Sample spool of .030 in (0.8 mm) self
shielding flux cored wire.
Spare contact tips
6 ft (1.8 m) Power cord with plug.
Instruction Manual

Dimensions: 18" (470mm) x 9.4" (240mm) x 12.0" (305mm)
Net Weight: 59 lb (27 kg)
Warranty: Two Years

230V/25-180 Amps
Welds up to 6.0 mm

MIG WELDER	
MODEL	STYLE
MM-180E	230V

Description: MM-180E wire feed welder is designed for maintenance and sheet metal fabrication. The welder consists of a single-phase power transformer, stabilizer, rectifier, and a unique built-in control/feeder. You can weld sheet metal from 24 gauge up to 1/4" thick with a single pass. You can weld thicker steel with bevelling and multiple pass techniques. Tweco® style nozzles and contact tips.

INVERTER STICK WELDER

CARiARC 90

90 Amp-20% Duty Cycle
120VAC 1 Phase 60Hz
Weight 4.5kg (10lbs)
TWO YEAR WARRANTY

TIG OPTION

AWP17V-12-2D TIG Torch
100FL Flowmeter
WP17AK Parts Kit

TIG ACCESSORIES	
MODEL	**STYLE**
CA-TIG	ACCESSORIES

CARiARC 90A	
Power Supply (V)	1 ph - 120V - 60HZ
No-Load Voltage (V)	75V
Output Range (A)	20 - 90A
Duty Cycle (%)	20%
Suggested Electrode	E6013, E7014, E7018, E6011
Electrode Diameter (inch)	1/16", 5/64", 3/32"
Length x Width x Height	300mm-120mm-240mm (12"-5"-9")
Welder Weight Kg (lbs)	4.5 kg (9.9 lbs)
Model	**CA-90A**

CARiARC 90A comes complete with lead cable and electrode holder, ground cable with clamp, shoulder strap and sample electrodes all contained in a sturdy BMC carry case for convenience and portability.

INVERTER PLASMA CUTTER

HC40PLUS

40 Amp-35% Duty Cycle
230VAC 1 Phase 60Hz
Weight 9 kg (21lbs)
TWO YEAR WARRANTY

HC40PLUS PLASMA CUTTER	
Power Supply (V)	1 ph - 230V - 60HZ
No-Load Voltage (V)	340V
Output Range (A)	15 - 40A
Duty Cycle (%)	35% @ 40A
Air Pressure	4.5 CFM @ 60 PSI
Power Switch	250 Volts AC 30 Amps
Length x Width x Height	17.7" x 6.7" x 9.0"
Welder Weight (lbs)	9 kg (21 lbs)
Torch Length	5.5m (18.5')
Model	**HC-40PLUS**

PLASMA PARTS

PWPR0110
Electrode (Pkg 3)

PWPE0106
Gas Diffuser(Pkg 2)

PWPC0116
Outer Cover Cutting Nozzle (PKG 1)

PWPD011608
Cutting Nozzle 0.8mm (Pkg 3)

HC40PLUS is an IGBT inverter plasma cutter with thermal overload protection, a Trafimet® torch and a built-in gas regulator. This easy to use plasma cutter has the power to cut up to 3/8" materials and a pilot arc that makes cutting expanded metal possible. This machine requires single phase 230 Volt (220V-240V), 60 Hz input power.

TUNGSTEN ELECTRODES

PowerWeld offers six types of tungsten electrode to cover every TIG welding application. Electrodes are 7" (175mm) in length and packaged 10 rods per box. All tungstens have color coded tips for easy identification, and meet AWS A5.12 specifications. Electrodes are supplied with a smooth, round, bright centerless ground finish.

Type	Dia in. (mm)	Part #	Voltage	Composition	Materials Welded
Pure (EWP)					
Unalloyed tungsten electrodes. Provide good stability when used with alternating current, either balanced wave or continuously high frequency stabilized. Maintain a clean, balled end which is preferred for aluminum and magnesium welding.	0.040(1.0) 1/16(1.6) 3/32(2.4) 1/8(3.2) 5/32(4.0)	**PUR040** **PUR116** **PUR332** **PUR18** **PUR532**	AC	99.5% Tungsten 0.5% Other	Aluminum Magnesium
2% Thoriated (EWTh-2)					
Thoria alloy increases electrode life. Higher electron emissions result in better arc starting and arc stability. Maintains a sharp point. Resistance to tungsten contamination of the weld.	0.040(1.0) 1/16(1.6) 3/32(2.4) 1/8(3.2) 5/32(4.0)	**2PC040** **2PC116** **2PC332** **2PC18** **2PC532**	DC	97.3% Tungsten 1.7%-2.2% Thorium 0.5% Other	Carbon Steel Stainless Steel Nickel Alloy Titanium Copper
Zirconiated (EWZr-1)					
Preferred electrode for applications where tungsten contamination of the weld must be minimized. Performs well with alternating current as it retains a balled end during welding.	0.040(1.0) 1/16(1.6) 3/32(2.4) 1/8(3.2) 5/32(4.0)	**ZIR040** **ZIR116** **ZIR332** **ZIR18** **ZIR532**	AC	98.6% Tungsten 0.7%-0.9% Zirconium 0.5% Other	Aluminum Magnesium
2% Ceriated (EWCe-2)					
Provides easy arc starting, improved arc stability and reduced rate of vaporization or burn-off. Operates well with alternating current or direct current, either polarity.	0.040(1.0) 1/16(1.6) 3/32(2.4) 1/8(3.2) 5/32(4.0)	**CER040** **CER116** **CER332** **CER18** **CER532**	DC AC Inverters	97.3% Tungsten 1.8%-2.2% Cerium 0.5% Other	Carbon Steel Stainless Steel Nickel Alloy Titanium Aluminum
1% Lanthanated (EWLa-1)					
Provides easy arc starting, improved arc stability and reduced rate of vaporization or burn-off. Operates well with alternating current or direct current, either polarity.	0.040(1.0) 1/16(1.6) 3/32(2.4) 1/8(3.2) 5/32(4.0)	**RE040** **RE116** **RE332** **RE18** **RE532**	DC AC Inverters	98.3% Tungsten 0.8-1.2%Lanthanum 0.5% Other	Carbon Steel Stainless Steel Nickel Alloy Titanium Aluminum
1.5% Lanthanated (EWLa-1.5)					
Provides easy arc starting, improved arc stability and significantly reduced tip erosion rate. Operates well with alternating current or direct current, either polarity.	0.040(1.0) 1/16(1.6) 3/32(2.4) 1/8(3.2) 5/32(4.0)	**LAN15040** **LAN15116** **LAN15332** **LAN1518** **LAN15532**	DC AC Inverters	97.8% Tungsten 1.3%-1.7% Lanthanum 0.5% Other	Carbon Steel Stainless Steel Nickel Alloy Titanium Aluminum
Tri-Mix (EWG)					
Tri-Mix tungsten electrode (AWS classification EWG) combines three non-radioactive rare earth materials (La_2O_3, Y_2O_3, CeO_2) into one tungsten. Extensive testing has resulted in the development of an optimum composition blend for a high performing tungsten electrode. Performance features include: Easy arc starting and re-ignition, high arc pressure, very good arc stability, excellent endurance. Suitable for carbon steel, stainless steel, copper and aluminum. AC or DC applications.	0.040(1.0) 1/16(1.6) 3/32(2.4) 1/8(3.2) 5/32(4.0)	**TM040** **TM116** **TM332** **TM18** **TM532**	DC AC Inverters	Tungsten Lanthanum Cerium Yytrium	Carbon Steel Stainless Steel Nickel Alloy Titanium Aluminum

Specifications
AWS A5.18 Class ER70S-6

Certified by CWB
to CSA W48-Class ER49S-6

Description

S6 contains high levels of manganese and silicon for stronger deoxidizing power where stringent cleaning procedures are not possible. This wire has been designed to provide X-ray quality porosity-free welds and the highest tensile strength (as welded) of the plain carbon steel wires. The high silicon content increases the fluidity of the weld pool, creating a smoother bead appearance and resulting in minimal post-weld grinding. S6 is excellent where poor fit-ups or rusty and oily plates may be used.

Applications

Construction work, tanks, truck bodies, farm implements, pipes, steel castings or forgings, shaft build-ups and general shop fabrications.

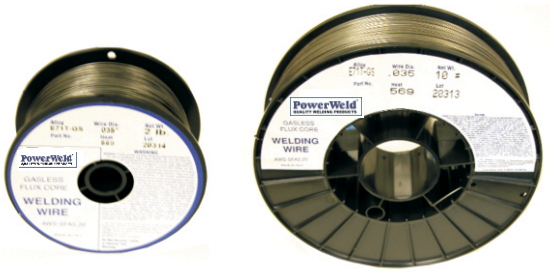
DIAMETER	SPOOL SIZES				
	1KG (2.2LB)	5KG (11LB)	15KG (33LB)	20KG (44LB)	250KG (550LB)
0.6mm (.023")	S6061	S6065	S60615		
0.8mm (.030")	S6081	S6085		S60820	
0.9mm (.035")	S6091	S6095		S60920	S609250
1.2mm (.045")	S6121	S6125		S61220	S612250

1kg spools are packaged 18 spools per master carton.
20kg spools are packaged 60 spools (1200kg) per pallet.
250kg drums are packaged 2 drums (500kg) per pallet.

Typical chemical composition of welding wire (%)	C	Mn	Si	P	S	Cr	Ni	C
	0.06-0.15	1.40-1.85	0.80-1.15	≤ 0.025	≤ 0.035	-	-	≤ 0.050
Mechanical Properties of Deposited Metal	Yield strength (Mpa)		Tensile strength (Mpa)		Elongation (%)		AKV impact (J)	
	≥ 420		≥ 500		≥ 22		≥ 27@-29°	
Wire Size (mm)	0.8	0.9	1.2	1.6	Welding Positions			
Recommended Welding Current (A)	40 - 140	50 - 220	80 - 350	120 - 550				

E71T-GS ALL POSITION

SELF-SHIELDING - GASLESS



Features
No Shielding Gas Needed
Single Pass Welding of Thin Gauge Galvanized Steel
Excellent for Outdoor Use
Smooth Arc – Minimal Spatter
DC- Straight Polarity
Works Well In Wind

Description
Smooth Core gasless wire E71T-GS is an all-position, self-shielded flux-cored wire designed for single pass fillet and lap welding on galvanized or carbon steel as thin as 20 gauge, without burn-through. Gasless wire E71T-GS is commonly used on small portable 110 volt welding machines, offering smooth arc action with very little spatter. Travel speed is fast, penetration is good and slag removal is easy.

Applications
Smooth Core gasless wire E71T-GS is most popular for the home workshop welder because it works so well on 110 volt machines and can be used on thin gauge steel. Gasless wire E71T-GS is used quite extensively in automobile body shops for door or body repairs and it is also used for sheet metal duct work on lap and butt joints.

NOTE: As with all self-shielded wires, **Smooth Core** gasless wire E71T-GS does contain fluoride compounds, which require more attention to ventilation when being used to weld galvanized steel. The zinc oxide formed during welding should not be inhaled as it can cause metal fume fever. When welding indoors or in an enclosed area, be sure that the ventilation is adequate.

Item Number	TYPE E71T-GS Diameter / Package
FC0302	.030 Dia. X 2# Spool
FC03010	.030 Dia. X 10# Spool
FC03033	.030 Dia. X 33# Spool
FC0352	.035 Dia. X 2# Spool
FC03510	.035 Dia. X 10# Spool
FC03533	.035 Dia. X 33# Spool
FC0452	.045 Dia. X 2# Spool
FC04510	.045 Dia. X 10# Spool
FC04533	.045 Dia. X 33# Spool

E71T-1 ALL POSITION

PowerWeld E71T-1 is a rutile type flux cored wire designed for general purpose all position welding with 100% CO2 or a 80% Argon - 20% CO2 mixture shielding gas. Features excellent welding performance and higher welding efficiency than traditional welding wires with its smooth arc characteristics, while producing low spatter and low fume emissions. Used for single and multiple pass welding of mild steel and 490 Mpa (70,000 PSI) grade high tensile steel. Applications include structural steel fabrication, pressure vessels, bridges, machinery etc.

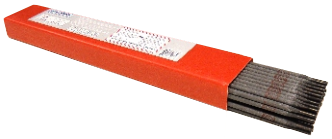
Classification: E71T-1 per AWS A5.20, ASME SFA5.20
Approvals: CWB to CSA W48-01, E491T-1H8
ABS 3YAH10
LR 3SMH10
DNV III YMSH10
BV SA3YMH10

TYPE E71T-1	
Item Number	Diameter / Package
PW711215	.045 Dia. (1.2mm) X 33# (15kg) Spool
PW711615	1/16 Dia. (1.6mm) X 33# (15kg) Spool

Available Diameters: 1.2mm (.045") , 1.6mm (1/16")
Spool Size: 15 kg (33 lb)
Pallet Quantity: 72 spools - 1080 kg (2376 lb)
Welding Current: DC + reverse polarity - electrode positive

MILD STEEL ELECTRODES

PowerWeld 6013



PowerWeld 6013 is a high titania coated electrode. This electrode provides good wetting and shallow penetration for thin sheet metal applications (using smaller diameter electrodes), but with sufficient penetration for welding medium gauge steel. PowerWeld 6013 is an all-purpose electrode that provides a soft steady arc which is easily regenerated, easy slag control for vertical-down welding, low spatter and a beautiful bead appearance. PowerWeld 6013 electrodes may be used in any position with AC or DC (straight or reverse polarity).

Applications

PowerWeld 6013 is commonly used for automobile bodies, truck frames and bodies, ornamental iron, metal furniture, farm implementations, machinery guards, storage tanks, or wherever appearance is important or desirable.

PowerWeld 7014

PowerWeld 7014 is an iron power, rutile type electrode providing high deposition rates and fast travel speed. This electrode provides a stable arc, flat smooth bead appearance and easy slag removability PowerWeld 7014 is used for all position, single-pass and multi-layer welding applications. AC or DC (straight or reverse polarity) may be used.

Applications

Typical applications include: ship structures, bridges, structural steel for buildings, sheet metal, ornamental iron, auto bodies and fenders, machine parts, storage tanks, etc.

LOW HYDROGEN ELECTRODES

PowerWeld 7018

PowerWeld 7018 is a low-hydrogen electrode for use in all positions on low, medium and high-carbon steels. 70,000 PSI tensile strength. Ideal for out of position welding and tacking. Runs on AC or DCEP (reverse) polarity. Features a steady arc with low spatter and medium penetration, providing X-ray quality weld deposits.

Applications

PowerWeld 7018 is typically used for heavy machinery fabrication, pressure vessels, field and shop welding of bridges and structural steels, cast steels and shipbuilding, or most ASTM specifications on medium carbon and low alloy steels.

PowerWeld 7018AC

PowerWeld 7018AC is a low-hydrogen electrode for use in all positions on low, medium and high-carbons steels. 70,000 PSI tensile strength. Ideal for out of position welding and tacking. Runs on AC or DCEP (reverse) polarity. Specially formulated to operate with small 208/230 volt AC welders.

Applications

Typical applications include general fabrication, tack and skip welds, and for welding thin sections of steel.

ALLOY	PART NUMBER	DIAMETER MM	DIAMETER INCHES	LENGTH MM	LENGTH INCHES
E6013 AWS A5.1 CWB TO CSA W48 E4313	**PW601320** **PW601325** **PW601332** **PW601340**	2.0 2.5 3.2 4.0	5/64 3/32 1/8 5/32	300 350 350 350	12 14 14 14
E7014 AWS A5.1	**PW701425** **PW701432**	2.5 3.2	3/32 1/8	350 350	14 14
E7018 AWS A5.1 CWB TO CSA W48 E4918-1-H8	**PW701825** **PW701832** **PW701840**	2.5 3.2 4.0	3/32 1/8 5/32	350 350 350	14 14 14
E7018AC AWS A5.1	**PW7018AC25** **PW7018AC32**	2.5 3.2	3/32 1/8	350 350	14 14

PACKAGING: 2KG (4.4 lbs) Plastic Boxes - 20kg (44 lbs) per Master Case

STAINLESS MIG WIRE

308L - PowerWeld 308L is used for TIG and MIG welding of unstabilized steels such as types 301, 302, 304, 305, 308. The average carbon content of 0.02% produces a weld deposit with good resistance against intergranular corrosion caused by carbide precipitation. This filler metal is the most popular grade among stainless steels, used for general purpose applications.

309L - PowerWeld 309L is used for the welding of similar alloys in wrought or cast form. It is mostly used for welding dissimilar materials such as mild steel to stainless steel, as well as for a barrier layer in stainless overlays. It has low carbon content of less than 0.03% reduces the possibility of intergranular corrosion. For some applications, welding of straight chromium steels.

316L - PowerWeld 316L is used to weld wrought and cast forms of similar composition, as well as low carbon molybdenum-bearing austenitic alloys. The lower ferrite level of this normal composition reduces the rate of corrosion in certain media and is suitable for use at cryogenic temperatures. The presence of molybdenum increases its creep resistance at elevated temperatures.

All grades meet specification ASME SFA5.9 and are certified by CWB to AWS A5.9

Suggested Welding Parameters for Stainless Steel Welding

MIG Welding: DCEP
Shielding Gas: 98% Argon + 2% Oxygen
Gas Flow: 30 to 50 CFH

Size	Amperage	Voltage
.023"	35 - 70	21 - 26
.030"	50 - 100	24 - 28
.035"	160 - 210	26 - 29
.045"	180 - 250	28 - 32

CERTIFIED BY CANADIAN WELDING BUREAU

Diameter	Spool Size	308L	309L	316L
.024" (0.6mm)	2# (0.9kg) spool	308L02402	309L02402	316L02402
	10# (4.5kg) spool	308L02410	309L02410	316L02410
	33# (15kg) spool	308L02433	309L02433	316L02433
.030" (0.8mm)	2# (0.9kg) spool	308L03002	309L03002	316L03002
	10# (4.5kg) spool	308L03010	309L03010	316L03010
	33# (15kg) spool	308L03033	309L03033	316L03033
.035" (0.9mm)	2# (0.9kg) spool	308L03502	309L03502	316L03502
	10# (4.5kg) spool	308L03510	309L03510	316L03510
	33# (15kg) spool	308L03533	309L03533	316L03533
.045" (1.2mm)	2# (0.9kg) spool	308L04502	309L04502	316L04502
	10# (4.5kg) spool	308L04510	309L04510	316L04510
	33# (15kg) spool	308L04533	309L04533	316L04533

STAINLESS TIG WIRE

CERTIFIED BY CANADIAN WELDING BUREAU

TIG Welding: DCEN
Shielding Gas: 100% Argon
Gas Flow: 30 to 40 CFH

Size	Amperage	Voltage
.035"	60 - 90	12 - 15
.045"	80 - 110	13 - 16
1/16"	90 - 130	14 - 18
3/32"	120 - 175	15 - 20
1/8"	150 - 220	15 - 20

Diameter	308L	309L	316L
.035" (0.9mm)	ER308L-035	ER309L-035	ER316L-035
.045" (1.2mm)	ER308L-045	ER309L-045	ER316L-045
1/16" (1.6mm)	ER308L-116	ER309L-116	ER316L-116
3/32" (2.4mm)	ER308L-332	ER309L-332	ER316L-332
1/8" (3.2mm)	ER308L-18	ER309L-18	ER316L-18

Each TIG rod is stamped with grade for identification.

PACKAGING: 10 pound (4.5kg) tubes

STAINLESS ELECTRODES

CERTIFIED BY CANADIAN WELDING BUREAU

PRODUCT DESCRIPTION	DIAMETER / SIZE	ITEM #
E308L-18 STAINLESS STEEL ELECTRODE AWS A5.4 ASME SFA5.4 CLASS E308L-16 AC/DC	3/32 - 2.5mm X 300mm 1/8 - 3.2mm X 350mm 5/32 - 4.0mm X 350mm	**PW308L25** **PW308L32** **PW308L40**
E309L-18 STAINLESS STEEL ELECTRODE AWS A5.4 ASME SFA5.4 CLASS E309L-16 AC/DC	3/32 -2.5mm X 300mm 1/8 - 3.2mm X 350mm 5/32- 4.0mm X 350mm	**PW309L25** **PW309L32** **PW309L40**
E316L-18 STAINLESS STEEL ELECTRODE AWS A5.4 ASME SFA5.4 CLASS E316L-16 AC/DC	3/32 -2.5mm X 300mm 1/8 - 3.2mm X 350mm 5/32- 4.0mm X 350mm	**PW316L25** **PW316L32** **PW316L40**

PACKAGING: 2 kg (4.4 lbs) boxes, 20 kg (44 lbs) per carton

PROFESSIONAL SERIES

Viewing Area : 98mm x 55mm (3.86" x 2.17")

Auto-Darkening Filter Welding Helmet
Solar Powered - Fully Automatic Power on / off
Conforms to ANSI Z87.1-2003 and Colts CSA Z94.3-07
Variable Shade Infinitely Adjustable 9 – 13
Switching Speed 0.000033 Seconds
Weld / Grind Mode Select Function
Adjustable Sensitivity
Adjustable Delay – Dark to Clear
IR/UV Protection – up to shade DIN 16 at all times
Magnifyer lens holder
Multi-Adjust Headgear for Welder Comfort
Light Weight – 480 g (16.9 oz) - 2 Year Warranty

MODEL	STYLE
PWH98551	CARBON FIBRE BLACK

MODEL	STYLE
PWH98552	CARBON FIBRE BLUE

MODEL	STYLE
PWH98553	CARBON FIBRE RED

MODEL	STYLE
PWH98554	SILVER FLAME

MODEL	STYLE
PWH9855G1	SKULL FLAME IN CLAMSHELL PKG

MODEL	STYLE
PWH9855G2	BLACK ART IN CLAMSHELL PKG

MODEL	STYLE
PWH9855G3	KLOWN IN CLAMSHELL PKG

MODEL	STYLE
PWH9855G4	SKULL CHAIN IN CLAMSHELL PKG

MODEL	STYLE
PWH9855G5	RED EAGLE IN CLAMSHELL PKG

MODEL	STYLE
PWH9855G6	CANADIAN IN CLAMSHELL PKG

MODEL	REPLACEMENT PARTS
PWHL1	OUTER LENS FOR ALL PWH HELMETS
PWHL2	INNER LENS FOR PWH9843 HELMETS
PWHL3	INNER LENS FOR PWH9855 HELMETS
PWH187	SLOTTED HARD HAT ADAPTER SET
PWHHG	REPLACEMENT HEADGEAR

DELUXE SERIES

MODEL	STYLE
PWH9843	BLACK

Same features as Professional Models but with a smaller viewing area.

Viewing Area : 98mm x 43mm (3.86" x 1.69")

ECONOMY WELDING HELMETS

ANSI Z87.1-1989 Approved
Excellent impact resistant polypropylene
Complete with headgear & lenses - individually boxed

MODEL	STYLE
WH754	FIXED FRONT

Model WH754 Fixed Front Style 5½" X 4¼" c/w adjustable head gear, clear & shade 11 lenses.

MODEL	STYLE
WH750	FLIP FRONT

Model WH750 Flip Front Style 2" X 4¼" c/w adjustable head gear, clear & shade 11 lenses.

MODEL	STYLE
WH752	WIDE VISION FLIP FRONT

Model WH752 Flip Front Style 5½" X 4¼" c/w adjustable head gear, clear & shade 11 lenses.

SWEATBANDS

MODEL	DESCRIPTION
PW3100V **PW3200V**	Our innovative sweatband design has made wearing a helmet more comfortable, no matter what time of year it is. The pad has been field tested in a variety of industries and is proven to reduce "helmet head", to improve grip, and to provide maximum perspiration absorption. Made of 100% fleecy cotton and flame retardant, this product features an air cushioned inner layer made of thousands of small cells to hold excessive perspiration and a hook & loop fasteners to fit all major brands of suspender (hard hats) or non-suspender (welding and face shields) type headgear. **2 per package**

MODEL	STYLE
WH622	HAND SHIELD

Model WH622 Fixed Front Style Hand Shield 2 " X 4¼" c/w internal handle, clear & shade 11 lenses.

WELDING & COVER GOGGLES

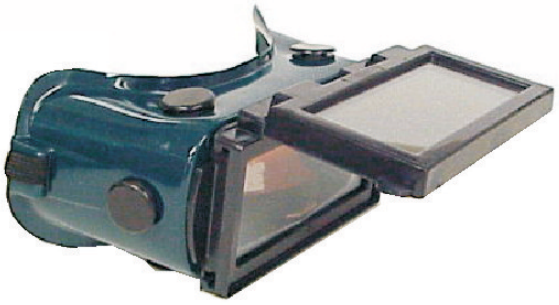
PowerWeld goggles feature soft comfortable sides, adjustable headband straps and air vents to reduce fogging. Provide protection from impact and IR/UV in flame cutting and brazing applications. All models meet or exceed ANSI Z87.1 standards.

WELDING GOGGLES

CUP GOGGLE 50 MM	
MODEL	LENSES
R600	SHADE #5 (50 MM)

FLIP FRONT GOGGLE 50 MM	
MODEL	LENSES
R850	SHADE #5 (50 MM)

COVER GOGGLE 2 X 4¼"	
MODEL	LENSES
R950	SHADE #5 (2 X 4¼")



FLIP FRONT GOGGLE 2 X 4¼"	
MODEL	LENSES
R900	SHADE #5 (2 X 4¼)

COVER GOGGLE SHADE 5	
MODEL	LENSES
R1165	SHADE #5

COVER GOGGLE 50 MM	
MODEL	LENSES
R800	SHADE #5 (50 MM)

COVER GOGGLES

GRINDING GOGGLE CLEAR	
MODEL	LENSES
R1140	POLYCARBONATE

RGS STRAPS	
MODEL	DESCRIPTION
RGS	REPLACEMENT STRAPS FOR ALL GOGGLES C/W CLIPS

FILTER PLATES

- Provides ultimate protection from ultraviolet and infrared rays during the welding process
- Precision ground and edged to allow a proper and safe fit
- Optically correct and precisely shaded
- Hardened glass
- ANSI Z87.1

FILTERS	PART NO	SIZE	DESCRIPTION
	MP2H	2 X 4¼	HARDENED GLASS FILTER SHADES 4-14 (50 PER BOX), EACH
	MP4H	4½ X 5¼	HARDENED GLASS FILTER SHADES 4-14 (25 PER BOX), EACH
	ML5H	50 mm	HARDENED GLASS FILTER SHADES 4-6 (50 PER BOX), PAIR

COVER LENS

100% POLYCARBONATE PP2 2" X 4-1/4"
PowerWeld
QUALITY WELDING PRODUCTS
COVER PLATE
Conforms to ANSI Standard Z87.1 Made in the USA
THIS PRODUCT SHOULD NOT BE USED AS A SAFETY PLATE

POLYCARBONATE	PART NO	SIZE	DESCRIPTION
	PP1	2 X 4 ¼	SAFETY PLATE .060 - 100% POLYCARBONATE ANSI STAMPED - LENS IMPRINTED
	PP2	2 X 4 ¼	COVER PLATE .060 - 100% POLYCARBONATE
	PP4	4 ½ X 5 ¼	COVER PLATE .060 - 100% POLYCARBONATE
	PL5	50 MM	COVER PLATE .060 - 100% POLYCARBONATE

2 X 4 ¼" & 50 MM 100 / BOX 500 / CASE 4 ½ X 5 ¼" 25 / BOX 500 / CASE

100% POLYCARBONATE PP4 4½ X 5¼
PowerWeld
QUALITY WELDING PRODUCTS
COVER PLATE
WARNING: THIS PRODUCT SHOULD NOT BE USED AS A SAFETY PLATE.
Conforms to ANSI Z87.1
Made in the USA

CR-39	PART NO	SIZE	DESCRIPTION
	PP2CR	2 X 4 ¼	COVER PLATE .060 CR-39
	PP4CR	4 ½ X 5 ¼	COVER PLATE .060 CR-39

2 X 4 ¼" 100 / BOX 500 / CASE 4 ½ X 5 ¼" 50 / BOX 200 / CASE

GLASS	PART NO	SIZE	DESCRIPTION
	GP2	2 X 4¼	GLASS COVER PLATE, BULK PACKED (100 PER BOX)
	GP4	4½ X 5¼	GLASS COVER PLATE, BULK PACKED (100 PER BOX), EACH
	GL5	2 X 4¼	GLASS COVER PLATE, BULK PACKED (100 PER BOX), PAIR

2 X 4 ¼" & 50 MM 100 / BOX 500 / CASE 4 ½ X 5 ¼" 50 / BOX 400 / CASE

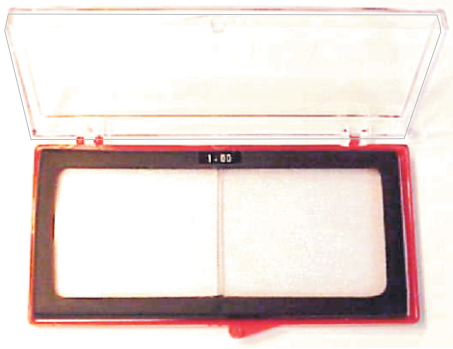
MAGNIFIER - POLYCARBONATE

PART NO.	DESCRIPTION
MAG-75	Magnifier Plate Focol Power 0.75
MAG-100	Magnifier Plate Focol Power 1.00
MAG-125	Magnifier Plate Focol Power 1.25
MAG-150	Magnifier Plate Focol Power 1.50
MAG-175	Magnifier Plate Focol Power 1.75
MAG-200	Magnifier Plate Focol Power 2.00
MAG-225	Magnifier Plate Focol Power 2.25
MAG-250	Magnifier Plate Focol Power 2.50

MAGNIFIER LENS SELECTOR CHART

AGE	FOCOL POWER
Up to 41	Focol Power 0.75
41 - 44	Focol Power 1.00
44 - 47	Focol Power 1.25
47 - 50	Focol Power 1.50
50 - 52	Focol Power 1.75
52 - 56	Focol Power 2.00
56 - 60	Focol Power 2.25
60 - over	Focol Power 2.50

MAGNIFIER - GLASS



PART NO.	DESCRIPTION
M75	Magnifier Glass Plate 0.75 Focol Power- 2X4 ¼
M100	Magnifier Glass Plate 1.00 Focol Power- 2X4 ¼
M125	Magnifier Glass Plate 1.25 Focol Power- 2X4 ¼
M150	Magnifier Glass Plate 1.50 Focol Power- 2X4 ¼
M175	Magnifier Glass Plate 1.75 Focol Power- 2X4 ¼
M200	Magnifier Glass Plate 2.00 Focol Power- 2X4 ¼
M225	Magnifier Glass Plate 2.25 Focol Power- 2X4 ¼
M250	Magnifier Glass Plate 2.50 Focol Power- 2X4 ¼
M300	Magnifier Glass Plate 3.00 Focol Power- 2X4 ¼
M350	Magnifier Glass Plate 3.50 Focol Power- 2X4 ¼

AUTO DARKENING CARTRIDGES

MODEL	STYLE
XG-HP11	2" X 4 1/4"

Solar powered cartridges fit most standard 2" X 4 ¼" helmets or 4 ½"X 5 ¼" helmets

2 arc sensors for reliable performance
Dark state shade #11
Light state shade #3
Lens thickness 1/5" (5.0mm)
Switching speed 0.5ms

MODEL	STYLE
XG-511	4 1/2" X 5 1/4"

REPLACEMENT VISORS

All visors meet ANSI Z87.1 specifications
Each visor is individually packaged - 20 per case

UNIVERSAL STYLE

PART #	DESCRIPTION	SIZE
804UCL	Clear Unbound	8” x 12”
804BCL	Clear W/alum Band	8” x 12”
814ULG	Light Green Unbound	8” x 12”
814BLG	Light Green W/alum Band	8” x 12”
824UDG	Dark Green Unbound	8” x 12”
824BDG	Dark Green W/alum Band	8” x 12”
844UCL	Clear Unbound	9” x 15.5”
844BCL	Clear W/alum Band	9” x 15.5”
854ULG	Light Green Unbound	9” x 15.5”
854BLG	Light Green W/alum Band	9” x 15.5”
864UDG	Dark Green Unbound	9” x 15.5”
864BDG	Dark Green W/alum Band	9’ x 15.5”

FIBRE METAL® STYLE

PART #	DESCRIPTION	SIZE
4118C	Clear Visor	8” x 11”
4118DG	Green Visor	8” x 11”
4178C	Clear Visor	8” x 16.5”
4178G	Green Visor	8” x 16.5”
4199C	Clear Visor	9-3/4” x 19”
4199G	Green Visor	9-3/4” x 19”
4199-05	Green Visor Shade #5	9-3/4” x 19”

FACESHIELD HEADGEAR

Headgear with ratchet adjustment

MODEL	STYLE
H700	HEADGEAR

GOLD FILTER PLATES

GOLDEN VIEW® GOLD-COATED POLYCARBONATE FILTER PLATES

PART NO.	DESCRIPTION
MP2GO	2 x 4 ¼“ Plates Shades 9 to 12 Gold Coated, 50 / box
MP4GO	4 ½ X 5 ¼“ Plates Shades 9 to 12 Gold Coated, 25 / box

WELDING GLOVE

Features
- ·Pearl shoulder split cowhide.
- ·14” length.
- ·Cotton lined for comfort.
- ·Welted fingers protect cotton stitching.
- ·Lock stitched with cotton thread.

MODEL	STYLE
PW1001	WELDING

WELDING GLOVE

Features
- ·Durable blue shoulder split cowhide.
- ·14” length.
- ·Insulated with cotton/foam lining for added heat protection.
- ·Reinforced thumb.
- ·Welted fingers protect stitching.
- ·Lock stitched with Kevlar® thread for added strength.

MODEL	STYLE
PW1002	WELDING

WELDING GLOVE

Features
- ·Durable premium bourbon brown/pearl side split cowhide.
- ·14” length.
- ·Insulated with cotton/foam lining.
- ·Double reinforced thumb.
- ·Welted fingers protect stitching.
- ·Lock stitched with Kevlar® thread for added strength.

MODEL	STYLE
PW1003	WELDING

MIG / TIG GLOVE

Features
- ·Top grain pigskin leather.
- ·Great in wet and oily conditions.
- ·Clute cut seams on top of glove for seamless palm area.
- ·4” cuff for added protection.
- ·Thumb strap reinforcement.
- ·Straight thumb.
- ·Lock stitched with Kevlar® thread for added strength.

MODEL	STYLE
PW2001M	MEDIUM
PW2001L	LARGE

MIG / TIG GLOVE

Features
- ·Top grain pearl goatskin leather enhances feel and durability.
- ·4” cuff.
- ·Wing thumb.
- ·Lock stitched with Kevlar® thread for added strength.

MODEL	STYLE
PW2002M	MEDIUM
PW2002L	LARGE

MIG / TIG GLOVE

Features
- ·Lightweight pearl deerskin split leather enhances dexterity.
- ·Unlined for maximum feel.
- ·4” cuff.
- ·Straight thumb for best gun grip.
- ·Lock stitched with Kevlar® thread for added strength.

MODEL	STYLE
PW2003M	MEDIUM
PW2003L	LARGE

WORK GLOVE

Features
- ·Economy shoulder split cowhide.
- ·Patch palm and knuckle strap.
- ·Canvas back.
- ·Gunn cut with 2 ½” starched safety cuff.
- ·Lock stitched for added strength.

MODEL	STYLE
PW3001	WORK GLOVE

WORK GLOVE

Features
- ·Industrial grade, shoulder split.
- ·Cowhide palm and knuckle strap.
- ·Canvas back.
- ·Gunn cut with 2 ½” rubberized safety cuff.
- ·Lock stitched for added strength.

MODEL	STYLE
PW3002	WORK GLOVE

MECHANICS GLOVES

PowerWeld chooses the highest quality of premium top grain cowhide goatskin, pigskin and deerskin for our mechanics gloves. **PowerWeld** gloves are stitched with Kevlar® thread for added strength.

PIGSKIN

MODEL	STYLE
PW2660M	MEDIUM
PW2660L	LARGE
PW2660XL	X-LARGE

GOATSKIN

MODEL	STYLE
PW2670M	MEDIUM
PW2670L	LARGE
PW2670XL	X-LARGE

COWHIDE

MODEL	STYLE
PW2680L	LARGE
PW2680XL	X- LARGE

DEERSKIN

MODEL	STYLE
PW2690L	LARGE
PW2690XL	X- LARGE

WELDING BLANKETS

MEDIUM DUTY

MODEL	SIZE
PW24B66	6' X 6'
PW24B68	6' X 8'
PW24B810	8' X 10'
PW24B1010	10' X 10'
PW24B6050	60"w X 50 Yard Roll

Features:
- 24oz acrylic coated gold fiberglass
- Grommets on 18" (45mm) centers on all sides
- 1000ºF (550ºC) service temperature
- Kevlar® stitched hems

FM APPROVED

PowerWeld welding blankets offer protection for objects and equipment from sparks, spatter and slag created from welding, grinding and flame cutting processes. The use of mulitple layers is recommended for maximum protection.

LIGHT DUTY

MODEL	SIZE
PW18B66UC	6' X 6'
PW18B68UC	6' X 8'
PW18B810UC	8' X 10'
PW18B4050UC	40"w X 50 Yard Roll
PW18B6050UC	60"w X 50 Yard Roll

Features:
- 18 oz heat treated tan fiberglass - uncoated
- Grommets on 18" (45mm) centers on all sides
- 1000ºF (550ºC) service temperature
- Kevlar® stitched hems

LEATHER CLOTHING

PowerWeld leather clothing is made from split cowhide for maximum durability and heavy duty protection. Designed to allow complete body movement and freedom while welding. All seams are sewn with Kevlar® thread which is double locked stitched to minimize seam burnout.

PowerWeld leather welding jackets incorporate many additional features including:

Heat and electrical insulated snaps.
Inside pockets for extra use.
Roll up collar with hook & loop closure.
Welted shoulder seams.
FR sateen lined collar/upper sleeves/shoulder provides comfortable skin contact and absorbs sweat.
Reinforced double leather front snap panel.
All stress points are rivetted.
Adjustable snap cuffs.

PART NO.	DESCRIPTION
PW3280S	Welders Jacket 30" Small
PW3280M	Welders Jacket 30" Medium
PW3280L	Welders Jacket 30" Large
PW3280XL	Welders Jacket 30" X-Large
PW3280XXL	Welders Jacket 30" XX-Large
PW3280XXXL	Welders Jacket 30" XXX-Large
PW3280XXXXL	Welders Jacket 30" XXXX-Large
PW4236	Bib Apron 24" X 36"
PW4242	Bib Apron 24" X 42"
PW3221M	Cape Sleeves Medium
PW3221L	Cape Sleeves Large
PW3221XL	Cape Sleeves X-Large
PW3221XXL	Cape Sleeves XX-Large
PW3221XXXL	Cape Sleeves XXX-Large
PW3120	Bib Apron for Cape Sleeves 20"
PW5200-23	Sleeves 23" Length (pair)
PW525	Leather Rod Pouch

WELDER'S APRON

ROD BAG

WELDER'S JACKET

WELDER'S CAPE SLEEVES

CHEMICALS

ANTI-SPATTER

Anti-Spatter Nozzle Shield
For Mig gun nozzle and welding surfaces
quick dry formula, to save time and reduce cost.

- Reduces spatter build-up on MIG nozzles.
- Prevents spatter adhesion on surface.
- Reduces clean up time.
- Heat-resistant to withstand high temperature use.
- Non-flammable.
- Paint compatible.
- Contains no silicones.
- Contains no fluorocarbons.
- Uses CO2 propellent.
- Private label program available.
- Available in 16 and 24 oz. aerosols.

MODEL	SIZE
1620-16	473 ml/16oz

DYE PENETRANTS

MODEL	DESCRIPTION	SIZE
PW1500	Aerosol Cleaner	16 oz
PW2500	Aerosol Developer	16 oz
PW3000	Aerosol Penetrant	16 oz

Powerweld Dye Penetrant Inspection chemicals provide a simple and cost effective method for the detection of surface flaws, cracks and defects. This three step process is applicable for use on materials of steel, stainless steel, aluminum, copper, cast iron and brass. Defects are clearly visible as shown by a red dye without the requirement of additional equipment. Meets military, nuclear, ASME and ASTM specifications.

NOZZLE DIP

Nozzle Dip

Economical formula to protect both manual and automatic MIG gun nozzles and MIG gun tips.

- Safe.
- Non-toxic.
- Contains no silicones.
- Non-flammable.
- Odorless.
- Contains no hydrocarbon solvents.
- 16 oz. unbreakable container.
- Private label program available.

MODEL	SIZE
108-16	454 grams/16oz

LUBE PADS

Wire Lube Pads

Keeps MIG, sub-arc, and flux core cable conduits producing for up to 3 months without down time for cleaning.
Eliminates erratic wire feed caused by dust, particles, and flashing being trapped inside conduit lines.
Increase wire surface feedability.
Wire lube pad lowers the coefficient of friction in conduits approximately 60% and increases life of wire feed units.
Pretreatment of wire lube pads so they will not dry out or evaporate.
Contains no solvents, abrasives, carbon, sulfur, nitrogen, moly disulfide or silicones.
Non-toxic, non-flammable.
Economical and easy to use.
Available in recloseable plastic boxes, 4, 6 or 8 pads to a box with one clip and Econo-Pak of 25 pads with clip.
Wire lube pads can be certified for nuclear welding.
Flexibility to use pad on both sides and on any axis.
Private label program available.

MODEL	# OF PADS
LUBE4	4
LUBE6	6
LUBE8	8
LUBE25	25

COOLANT

Coolant For Plasma, MIG & TIG Machines

An ethylene glycol based formulation for use in radiator circulator and re-circulator systems. Used for cooling Plasma, MIG, TIG and resistance welding systems, as well as general industrial cooling applications. Temperature range: 19ºF, 6ºF and -60ºF

MODEL	RANGE	SIZE
COOL1	19ºF / -7ºC	1 GAL/3.78L
COOL2	6ºF / -14ºC	1 GAL/3.78L
COOL3	-60ºF / -52ºC	1 GAL/3.78L
COOL1-55	19ºF / -7ºC	55 GAL/205L

PACKAGED 4 GALLONS / CASE

CYLINDER CARTS

CYT-6SH
6" rubber wheels
41" H x 22" W
Holds 40 cu. ft. (B) acetylene and 40 -80 cu. ft. oxygen
Side by side

MODEL	CYLINDERS
CYT-6SH	SMALL

CYT-8CH
8" rubber wheels
41" H x 26" W
Holds 75-145 cu. ft. acetylene and 120-244 cu. ft. oxygen
Side by side

MODEL	CYLINDERS
CYT-8CH	MEDIUM

CYT-14CH
14" rubber wheels
44.5" H x 31.5" W
Holds 145-250 cu. ft. acetylene and 244-330 cu. ft. oxygen

MODEL	CYLINDERS
CYT-14CH	LARGE

CYT-8CH-1
8" rubber wheels
41" H x 26" W
Holds 75-145 cu. ft. acetylene and 120-244 cu. ft. oxygen
Tandem - front to back

MODEL	CYLINDERS
CYT-8CH-1	MEDIUM

CYT-81CH-1
8" rubber wheels
44" H x 12" W
Holds 80-330 cu. ft. high pressure cylinder

MODEL	CYLINDERS
CYT-81CH-1	SINGLE

EASY TO SHIP
EASY TO STOCK
EASY TO ASSEMBLE

Boxed cylinder carts make sense. Easy to ship and easy to stock.

MIG WELDER CARTS

MODEL	STYLE
CCMIG-DELUXE	DELUXE

Deluxe Welder Cart for MIG or Plasma
150 lb capacity
Two drawers to hold parts and accessories
Cable hangers, cylinder rack with chains
Elevated handle for ease of movement

EASY TO SHIP
EASY TO STOCK
EASY TO ASSEMBLE

Boxed MIG carts make sense. Easy to ship and easy to stock.

CCMIG Industrial MIG Cart Dimensions:

Heavy Duty Steel Construction
Top Shelf: 17 3/4" L x 11 1/4" W
Middle Shelf: 15 1/4" L x 11 1/4" W
Bottom Shelf: 17 3/8" L x 11 1/4" W
Cylinder Shelf: 10 1/2" L x 11 1/4" W
Cylinder shelf holds from small to larger industrial cylinders
Rear Wheels: 6" x 1 1/4"
Front Swivel Wheels: 2 1/4" x 7/8"

Holds your small MIG welder, gas cylinder plus plenty of room for tools and accessories.
Front handle for easy movement
MIG gun and ground lead holders on sides
Cylinder holding chains
Height: 24 3/4"
Easy to assemble.

MODEL	STYLE
CCMIG	BLUE
CCMIG-B	BLACK

FILLET WELD GAUGES

PowerWeld fillet weld gauges are precision inspection tools designed to ensure quality and accuracy. Several models to choose from cover many applications. Features include:

- Precision gauge
- Constructed of rust proof 22 gauge type 304 steel.
- Die blanked to eliminate sharp edges - adds to accuracy.
- Permanently etched lettering for long life and abrasion resistance.

MODEL	STYLE
MG-8	BRIDGE CAM

- Angle of preparation, 0º to 60º.
- Excess weld metal (capping size).
- Depth of undercut.
- Depth of pitting.
- Fillet weld throat size.
- Fillet weld length.
- Misalignment (high-low).

MODEL	STYLE
MG-11	FILLET

- The fillet weld gauge allows fast, accurate measurement of eleven (11) fillet weld sizes: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2" 5/8", 3/4", 7/8", and 1", and their metric equivalents, to determine weld sizes, either concave or convex.
- Each gauge blade is made of 1-1/4 "x 4" stainless steel to resist rust and bending.
- Blades are deburred to remove rough edges.
- All sizes and numerals are engraved into the surface for easier reading.

MODEL	STYLE
WG-06HILO	HI LO

- Slim design.
- Changes from standard to metric - simply remove gauge body, turn scales over and replace body.
- Measurements read in standard on one side & metric on opposite side.
- Measures internal alignment of pipe after fit-up/alignment, and cuts radiographic rejects.
- Measures internal misalignment of pipe before and after tacking.
- Measures bevel on end preparation.
- This handy devise even measures scribe lines, socket welds, crown height of welds & fillet weld size.

MODEL	STYLE
DSG-01	DIGITAL

- Accurate readings instantly.
- Easy to read digital display.
- Zero setting at any position.
- Metric / Imperial system conversion any position.
- The digital welding gauge is equipped with an output port.
- Data can be input into a computer or a printer via special connecting cable.

Resolution: 0.01mm/0.0005"
Range: 0-12.7mm
Error: +/- 0.03mm +/- 0.001"
Operating Power: One silver oxide battery SR44, 1.55V (Included)
Working Temperature: 0ºC to +40ºC
Humidity: <80%
Storage Temperature: -10ºC to +60ºC

MODEL	STYLE
WG-07SFG	SKEW-T

- For checking angle of vertical member.
- For checking weld acute side.
- For checking weld obtuse side.

C CLAMPS

MODEL	SIZE	THROAT DEPTH
402	2"	2.25"
404	4"	3.25"
406	6"	4.00"
408	8"	5.00"
410	10"	6.00"
412	12"	6.50"

Features: Rugged, heavy duty drop forged steel frame. Steel spindles are tough-hardened. New design frame for maximum strength. Lacquered finish. Steel swivel pads adjust freely to bear evenly on clamped part. Precision cut, single lead Acme thread for smooth operation. Steel spindles are copper plated for spatter protection. Never needs greasing; dry lubricated for smooth operation. Extra throat depth.

F CLAMPS

MODEL	SIZE (")	SIZE (mm)
F-1200-8	8"	200mm
F-1200-10	10"	250mm
F-1200-12	12"	300mm
F-1200-16	16"	400mm
F-1200-20	20"	500mm
F-1200-24	24"	600mm

Features: 1200kg (2600lb) capacity. Tempered steel sliding arm. Drop forged, electro-galvanized. Rail, fixed jaws and pressure plate heat-formed in one piece from cold drawn profiled steel, optimized for high static stress loadings. Heat treated, high carbon Acme threaded screw is tempered and quenched to give you greater loading capacity and longer service life. Spatter resistant. Throat depth 5½" (140mm)

RETRACTABLE HOSE REELS

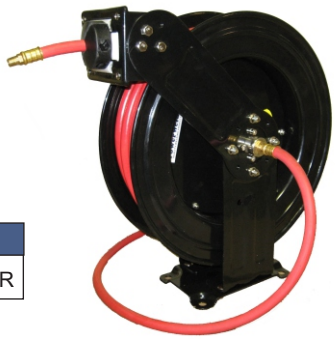
Hose reel capacity 100' (30m) twin hose-welding hose extra

MODEL	STYLE
MHR100	MANUAL / TWIN

Hose reel comes complete with 50' (15m) & 100' (30M) Grade T 1/4" twin hose

MODEL	STYLE
RHR50	RETRACTABLE - 50'
RHR100	RETRACTABLE - 100'

Hose reel comes complete with 50' (15m) single 3/8" air hose



MODEL	STYLE
AHR3850	RETRACTABLE- AIR

THERMOMETERS

Measuring Range: -30ºC to 260ºC
Measuring Range: -22ºF to 500ºF
Built in laser pointer
Field of View: 8:1
Fast sampling time: less than 1 second
Automatic selection range and resolution
Backlit display
ºC/ºF switchable
Auto data-hold
Auto power off 8 seconds
Complete with 9V battery and carry pouch
One year warranty
Dimensions: 131mm x 96mm x 35mm
Weight: 130g

MODEL	STYLE
DT-810	COMPACT

Wide measuring range -50ºC to 500ºC
-58ºF to 932ºF
Built in laser pointer
Super large 3 ½ Digit (1999 counts) multifunction LCD
Backlit display
ºC/ºF switchable
Overload indication and beeper
Fast sampling time
Auto data-hold and power off
Fixed emissivity (0.95) covers 90% of surface applications.
Narrow 8:1 field of view
Automatic selection range and resolution
Complete with 9V battery & carry pouch
One year warranty
Dimensions: 159x79x57.2mm
Weight: 190g

MODEL	STYLE
DT-8812	DELUXE

WEED BURNER

MODEL	STYLE
PW-500PT	PROPANE

Torch operates on a standard propane tank-no regulator needed. Burn weeds, repair asphalt, peels paint, melts ice and thaws pipe.
Comes with 10' neoprene hose, flow control P.O.L. fitting on/off valve, striker - 500,000 BTU rating.

HELMET BAG

PowerWeld heavy duty helmet & gear bag

Store helmet, gloves, and other tools in a safe place.

Drawstring closure & shoulder carrying strap.

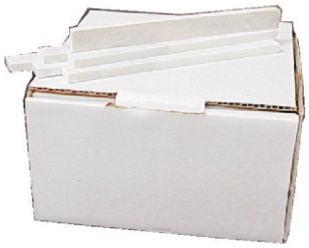
MODEL	STYLE
PWHB	BAG

HOSE CLAMP PINCERS

Portable and lightweight, used for pinching and removing ear clamps.

MODEL	STYLE
PW1098	CRIMP PLIERS

SOAPSTONE CRAYONS



MODEL	STYLE
FS1	FLAT
RS1	ROUND

White select soapstone
144 pieces per box
12 boxes per case

HOSE REPAIR KIT

Special B-size kit for 3/16" & 1/4" ID hoses. Offers 12 different items most commonly used for hose repair. Comes complete with PW1098 pincers, and circle clamps.

MODEL	STYLE
PW-82	KIT

WELDER'S KIT

MODEL	STYLE
WEKIT	KIT

Welding Helmet & Gear Bag filled with:

- Auto Darkening Helmet Variable Shade 9 - 13
- Welders Gloves
- Chipping Hammer
- Positioning Magnet
- Welding Cup Goggles
- Standard Tip Cleaner
- Single Flint Lighter
- Clear Safety Spectacles
- Wire Scratch Brush
- Soapstone and Holder
- MIG Welders Pliers

CABLE HITCH

MODEL	STYLE
CH-240	CABLE HITCH

Cable Hitch allows you to support heavy long lengths of welding cable by hanging it on its handy hook assembly. Comes with a non-slip locking assembly.

NOZZLE REAMER

MODEL	STYLE
REAMER	MANUAL

- Cleans hot MIG nozzles on the torch
- Self adjusting to fit all sizes
- Expanding spring steel cleaning blades

BATTERY CLAMPS

MODEL	STYLE
BCR-600	RED
BCB-600	BLACK

Heavy duty 600 amp battery clamps with red handles for positive and black handles for negative

CIRCLE BURNER

MODEL	STYLE
I-69-6	UNIVERSAL

Comes with tip holders to fit most popular cutting torch models.

TUNGSTEN HOLDER

Chuck keeps positive on tungsten while sharpening

MODEL	STYLE
CSH	ACCESSORIES

CYLINDER WRENCHES

MODEL	STYLE
5	B & MC

B & MC Tank Key
Double Ended

MODEL	STYLE
1013	10 WAY

10-Way Cylinder Wrench
- For regulators, torches and cylinders
- Drop-forged
- Special alloy steel

MODEL	STYLE
20T	PROPANE

Propane Key

MODEL	STYLE
250T	POL

POL Acetylene
Cylinder Key

TIG TORCH HOLDER

TIG torch holder with magnetic base

MODEL	STYLE
MI-TTS-M	TIG

MIG TORCH HOLDER

MIG torch holder with magnetic base

MODEL	STYLE
MI-MTS-M	MIG

MAGNETS

Positioning magnet
Small 25# capacity

MODEL	SIZE
M061	SMALL

Positioning magnet
Medium 50# capacity

MODEL	SIZE
M062	MEDIUM

- Multi-purpose holders for assembly and positioning
- Adheres to most metal objects
- Ideal for welding, soldering, assembly and pipe installation

Positioning magnet
Large 75# capacity

MODEL	SIZE
M063	LARGE

HEAVY DUTY EXTENSION CORDS

Super flex extension cord - Super flexible, type SJTW outdoor cord. Lightweight-stays flexible to -67ºF. 3 conductor grounded cord 15 Amps, 125V. Resistant to abrasions, oil, grease & chemicals. UL & ULC listed. Features power indicator in female receptacle to show that the power is on. Available in 25ft, 50 ft and 100 ft lengths. Three high-visibility colours to choose from.

MODEL	TYPE
EC25-YE	YELLOW JACKET 25' (8/CASE)
EC50-YE	YELLOW JACKET 50' (6/CASE)
EC100-YE	YELLOW JACKET 100' (4/CASE)

MODEL	TYPE
EC25-BL	BLUE JACKET 25 (8/CASE)
EC50-BL	BLUE JACKET 50' (6/CASE)
EC100-BL	BLUE JACKET 100' (4/CASE)

MODEL	TYPE
EC25-OR	ORANGE JACKET 25' (8/CASE)
EC50-OR	ORANGE JACKET 50' (6/CASE)
EC100-OR	ORANGE JACKET 100' (4/CASE)

8/3 TYPE STW 250V

Welder Power Cable Extension

NEMA 6-50 plug & receptacle
25’ & 50’ water resistant assembly
8/3 Type STW 40A-250V
Safety lighted ends

MODEL	TYPE
PCE-25	SAFETY LIGHTED 25' (4/CASE)
PCE-50	SAFETY LIGHTED 50' (2/CASE)

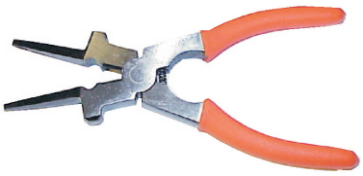
SPOOL ADAPTER

Universal 4" - 1 & 2 lb Spool Adaptor

The universal welding wire spool adaptor quickly adapts most wire feeders and integrated MIG machines to use 4" (1 & 2 lb) spools without removing or altering the spindle assembly.

MODEL	TYPE
SA-1	UNIVERSAL

WELDER'S PLIERS



Welders Multi-Use Tool

- Eight-way pliers
- Nickel plated finish
- Ideally suited for removal of hot spatter from nozzle ends

MODEL	STYLE
YS-50	MIG PLIERS
YS-H	PLIERS HOLSTER

Pliers Holster

WELDING TABLE

Welding workbench can be used anywhere - home, shop or in the field

- Folds up easily for storage or transportation
- Large work area of galvanized welded mesh 24" X 40" (61cm X 101cm)
- Work height of 36" (914cm)
- Heavy duty construction - 600lb (272kg) weight capacity

Welder's Bench Applications

Welding, pipe work, painters, machine shops, auto service shipping & receiving, assembly work, cut off & mitre saws.

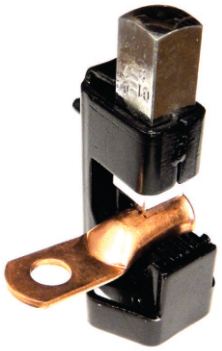
MODEL	CAPACITY
WB2440	272KG / 600 lbs

LIGHTER

Lightnin Bug Striker

MODEL	STYLE
PW08-100	PIEZO STRIKER

CABLE LUG CRIMPER



- Easy to use crimping tool
- Takes any size of solder type lug
- Simply use a hammer to do the job
- Good permanent connection
- Spring return

MODEL	STYLE
RL-CRIMP	UNIVERSAL

CABLE SPLICERS

Mechanical cable splicers incorporate hex-screws for solid connection and an insulated cover for safety

MODEL	CABLE SIZE
CS-610	#2-1/0
CS-2040	2/0-4/0

TIG FINGER FEEDER

Feeds TIG filler rod comfortably. Hold the feeder like a pen or pencil. Insert the TIG filler wire from the rear of the unit – not from the front. With the feeder comfortable in your hand, advance the wire by rolling the rubber wheel with the tip of your index finger. Suitable for TIG wire diameters 0.8mm (.030") to 3.2mm (1/8").

MODEL	STYLE
PW1550	TIG FINGER FEEDER

TIG CABLE COVER

Nylon covers with zippered closure 3" and 4" widths

3m (10') Cable Cover

MODEL	STYLE
WC-3-10	3" X 10' (3m)
WC-4-10	4" X 10' (3m)

6.7m (22') Cable Cover

MODEL	STYLE
WC-3-22	3" X 22' (6.7m)
WC-4-22	4" X 22' (6.7m)

PROFESSIONALS PREFER POWERWELD

QUALITY WELDING, SAFETY AND INDUSTRIAL SUPPLIES

PowerWeld products are available from:

CATALOG # 214